

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	364	(324/380,378.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 09:41
S2	134	(324/169,384.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 08:07
S3	291	(324/399,402.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 09:24
S4	19	S1 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$5) near\$3 ((ignit\$5 spark\$5 arc\$3) adj2 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:16
S5	97	(324/380.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 11:40
S6	276	(324/378.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/02 08:45
S7	134	(324/169,384.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 09:24

S8	291	(324/399,402.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 09:24
S9	12	S5 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$5) near3 ((ignit\$5 spark\$5 arc\$3) adj2 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:39
S10	7	S6 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$5) near3 ((ignit\$5 spark\$5 arc\$3) adj2 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 09:34
S11	6	S7 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$5) near3 ((ignit\$5 spark\$5 arc\$3) adj2 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 09:34
S12	26	S8 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$5) near3 ((ignit\$5 spark\$5 arc\$3) adj2 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 09:34
S13	10	S9 and (misfir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 11:51
S14	5	S10 and (misfir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:17

S15	6	S11 and (misfir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 11:52
S16	18	S12 and (misfir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 11:53
S17	4	S13 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$7) same (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem) same cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 13:38
S18	4	S14 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$7) same (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem) same cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:45
S19	4	S15 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$7) same (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem) same cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 12:01
S20	9	S16 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$7) same (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem) same cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 12:02
S21	8	((("3,965,677") or ("3,908,366") or ("4,040,294"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 13:37

S22	7944	(vehicle car automobile auto motor) same (misfir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:50
S23	7600	S22 and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:44
S24	47	S23 and (periodic\$5 intermittent\$3) adj2 mis\$1fir\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:31
S25	51	( primary adj connector) same (vehicle car automobile auto motor engine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:48
S26	51	S25 and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:04
S27	1	S26 and (mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:04
S28	30	( primary adj connector) near3 (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:48

S29	29	S28 and @ad<"20030926"		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:24
S30	1	S29 and (mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:47
S31	620271	((distributorless hybrid) adj ignit\$5 adj (assembly unit system device apparatus machine mechanism section station means module set instrument tool circuit equipment adaptss!) DIS)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:21
S32	529857	S31 and @ad<"20030926"		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:24
S33	3	S32 and ( primary adj (coil connector)) near3 (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:40
S34	114	S32 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$7) same ((defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem) near2 cylinder)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:25
S35	47	S34 and (mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 09:58

S36	0	( primary adj connector) same (cylinder adj2 pair)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 15:48
S37	14	S35 and (vehicle car automobile auto motor) same (misfir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:22
S38	6	((("5345817") or ("5431044") or ("5509302"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 16:51
S39	5359	cylinder adj pair	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 09:41
S40	4987	S39 and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 09:44
S41	0	S40 and ( primary adj connector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 09:44
S42	134	S40 and (mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 09:59

S43	1114	(324/378-402.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:06
S44	39	S43 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:08
S45	10	(("6844735") or ("6407551") or ("5446385") or ("5111790") or ("3806796")). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/31 11:58
S46	4	S45 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 13:01
S47	356	(123/621,630.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:38
S48	435	(123/605,406.57,650.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 13:00
S49	545	(123/634,635,636,638.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 13:01

S50	1	S47 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:33
S51	4	S48 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:31
S52	19	S49 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 13:06
S53	124	(324/393,394,395,400.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 13:05
S54	6	S53 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with connector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 13:06
S55	2514	(73/116,117,117.1,117.2.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:40
S56	2984	(73/117.3,117.4,118.1,119R.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:46



S57	281	(73/35.01,35.02,35.03,35.04.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:43
S58	318	(73/35.05,35.06,35.07,35.08.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:43
S59	296	(73/35.09,35.11,35.12,35.13.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:46
S60	2370	(701/29,110,111.ccls.) and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:47
S61	33	S55 and coil with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:49
S62	45	S56 and coil with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:52
S63	25	S57 and coil with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:53

S64	43	S58 and coil with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:55
S65	29	S59 and coil with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:58
S66	37	S60 and coil with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 14:59
S67	65	S55 and voltage with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:00
S68	66	S56 and voltage with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:00
S69	75	S57 and voltage with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:01
S70	111	S58 and voltage with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:01

S71	61	S59 and voltage with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:02
S72	43	S60 and voltage with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:12
S73	27	S55 and (spark adj plug) with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness) not pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:02
S74	25	S56 and (spark adj plug) with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness) not pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:04
S75	9	S57 and (spark adj plug) with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness) not pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:05
S76	25	S58 and (spark adj plug) with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness) not pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:06
S77	1	S59 and (spark adj plug) with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness) not pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:06

S78	10	S60 and (spark adj plug) with (knock\$5 mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness) not pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:07
S79	2	S61 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:29
S80	7	S62 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:36
S81	1	S63 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:01
S82	3	S64 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:01
S83	1	S65 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:13
S84	5	S66 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:13

S85	5	S67 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:25
S86	6	S68 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:25
S87	2	S69 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:25
S88	5	S70 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:26
S89	3	S71 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:26
S90	0	S72 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:22
S91	4	S73 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:26

S92	4	S74 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:26
S93	1	S75 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:28
S94	0	S76 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:25
S95	0	S77 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:26
S96	1	S78 and (dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 07:49
S97	211417	(dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 15:37
S98	200610	S97 and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 16:06

S99	1429	S98 and (voltage connector coil cap (spark adj plug)) with (knock\$5 miss\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 08:11
S10 0	18	S99 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$7) same ((defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem) near2 cylinder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/31 17:08
S10 1	1411	((isolat\$5 check\$3 detect\$3 sens\$3 measur\$5 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$7) near5 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem)) same ((dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 08:02
S10 2	324	((isolat\$5 locat\$5 identif\$7) near5 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem)) same ((dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (connector cap (spark adj plug)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:10
S10 3	1353	S101 and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 08:09
S10 4	316	S102 and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:12
S10 5	18	S103 and (connector coil cap (spark adj plug)) with (miss\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 08:34

S10 6	4	S104 and (connector coil cap (spark adj plug)) with (mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:12
S10 7	34	S104 and (mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) rough\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 11:44
S10 8	300	((isolat\$5 locat\$5 identif\$7) near3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem)) same ((dis\$1connect\$5 dis\$1engag\$5 dis\$1assembl\$5 de\$1attach\$5 pull\$3 un\$1plug\$5 un\$1coupl\$5 detach\$5 remov\$5 dis\$1unit\$5) with (coil connector cap (spark adj plug)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:10
S10 9	290	S108 and @ad<"20030926"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:12
S11 0	6	S109 and (connector coil cap (spark adj plug)) with (mis\$1fir\$3 ((miss\$3 fail\$3 no\$1 malfunction\$3) adj2 (ignit\$5 fir\$3 spark\$5)) roughness)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:12
S11 1	0	S110 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$5) near3 (fir\$3 adj2 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:18
S11 2	11	S109 and (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identif\$5) near3 (fir\$3 adj2 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 15:19